

JUL 21 2009

PTO/SB/86 (08-04)

Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

STATEMENT UNDER 37 CFR 3.73(b)Applicant/Patent Owner: Millennium Pharmaceuticals, Inc.Application No./Patent No.: 6,887,880 Filed/Issue Date: May 3, 2005Entitled: ADENINE BASED INHIBITORS OF ADENYLYL CYCLASE, PHARMACEUTICAL COMPOSITIONS, AND METHODS OF USE THEREOFMillennium Pharmaceuticals, Inc., a Delaware corporation
(Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of less than the entire right, title and interest.
The extent (by percentage) of its ownership interest is _____ %

In the patent application/patent identified above by virtue of either:

- A. ☐ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

OR

- B. ☒ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: Inventors To: COR Therapeutics, Inc.
The document was recorded in the United States Patent and Trademark Office at
Reel 012566, Frame 0000, or for which a copy thereof is attached.
2. From: COR Therapeutics, Inc. To: Millennium Pharmaceuticals, Inc.
The document was recorded in the United States Patent and Trademark Office at
Reel 014308, Frame 0003, or for which a copy thereof is attached.
3. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

- ☒ Copies of assignments or other documents in the chain of title are attached.
[NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

Karoline K. M. Shair
SignatureJuly 21, 2009

Date

Karoline K. M. Shair617-444-3227

Printed or Typed Name

Telephone Number

Senior Patent Counsel

Title

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

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021390-603710 USWBK

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DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

FEBRUARY 06, 2004

PTAS
TOWNSEND AND TOWNSEND AND CREW LLP
DON D. CHA
TWO EMBARCADERO CENTER, 8TH FLOOR
SAN FRANCISCO, CA 94111-3834

102509840A

UNITED STATES PATENT AND TRADEMARK OFFICE
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PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 07/18/2003

REEL/FRAME: 014309/0053
NUMBER OF PAGES: 9




BRIEF: MERGER (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:
COR THERAPEUTICS, INC.

DOC DATE: 05/14/2002

ASSIGNEE:
MILLENNIUM PHARMACEUTICALS, INC.
75 SIDNEY STREET
CAMBRIDGE, MASSACHUSETTS 02139SERIAL NUMBER: 09989346
PATENT NUMBER:FILING DATE: 11/20/2001
ISSUE DATE:THERESA FREDERICK, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

Attorney Docket No. 021390-003710US

Form PTO-1595 (Rev. 10-02) OMB No. 0651-0027 (exp. 5/31/2007)		07-29-2003 		U.S. Department of Commerce U.S. Patent and Trademark Office	
Tab settings 		102509840		1 original documents or copy thereof	
To the Honorable Commissioner of Patents & Trademark Office		1. Name of conveying party(ies): 7-18-03 COR Therapeutics, Inc.			
Additional name(s) of conveying party(ies) attached? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No.		2. Name and address of receiving party(ies) Name: Millennium Pharmaceuticals, Inc. Internal Address: Street Address: 75 Sidney Street City: Cambridge State: Mass. ZIP: 02139 Additional name(s) and address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
3. Nature of conveyance: <input type="checkbox"/> Assignment <input checked="" type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other:		Execution Date: <u>14 May 2002</u>			
4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: A. Patent Application No(s): <u>09/989,348</u> B. Patent No(s): Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No					
5. Name and address of party to whom correspondence concerning document should be mailed: Name: Don D. Cha TOWNSEND AND TOWNSEND AND CREW LLP Two Embarcadero Center, 8 th Floor San Francisco, California 94111-3834 (415) 576-0200		6. Total number of applications and patents involved <u>1</u> 7. Total fee (37 CFR 3.41): <u>\$40.00</u> <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account 8. Deposit account number: <u>20-1430</u> (Attach duplicate copy of this page if paying by deposit account)			
DO NOT USE THIS SPACE					
9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.					
Don D. Cha Name of Person Signing Atty. Reg. No. 40,945		 Signature		<u>May 28, 2003</u> Date	
Total number of pages including cover sheet, attachments and documents: <u>9</u>					

Mail documents to be recorded with required cover sheet information to:

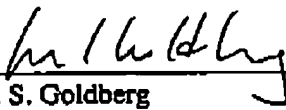
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 Director of the U.S. Patent and Trademark Office
 P.O. Box 1450
 Alexandria, VA 22313-1450

07/28/2003 6TOM11 00000292 201430 09989348

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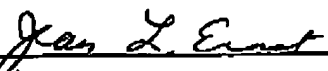
Commonwealth of Massachusetts)
)ss.
County of Middlesex)

I, Joel S. Goldberg, hereby swear that the attached reproduction of the Certificate of Ownership and Merger Merging COR Therapeutics, Inc. (a Delaware corporation) into Millennium Pharmaceuticals, Inc. (a Delaware corporation) dated February 12, 2002, is a true, correct and complete photocopy of a document in my possession.



Joel S. Goldberg
Counsel
Millennium Pharmaceuticals, Inc.
75 Sidney Street
Cambridge, Massachusetts 02139

Subscribed and sworn to before me this 14th day of May, 2002 by Joel S. Goldberg.



Jean L. Ernst
Notary Public
My commission expires: August 15, 2008

(Seal)

STATE OF DELAWARE
SECRETARY OF STATE
DIVISION OF CORPORATIONS
FILED 06:00 PM 02/12/2002
020093846 - 2322355

CERTIFICATE OF OWNERSHIP AND MERGER

MERGING

COR THERAPEUTICS, INC.
(a Delaware corporation)

INTO

MILLENNIUM PHARMACEUTICALS, INC.
(a Delaware corporation)

Millennium Pharmaceuticals, Inc., a corporation organized and existing under and by virtue of the General Corporation Law of the State of Delaware (the "Corporation"), does hereby certify:

FIRST: That the Corporation was incorporated on the 13th day of January, 1993, pursuant to the General Corporation Law of the State of Delaware.

SECOND: That the Corporation owns all of the outstanding shares of each class of the stock of COR Therapeutics, Inc., a corporation incorporated on the 4th day of February, 1988 pursuant to the General Corporation Law of the State of Delaware.

THIRD: That the Board of Directors of the Corporation, by written action in lieu of a meeting dated the 4th day of February, 2002, duly adopted the following resolutions:

RESOLVED: That, pursuant to Section 253 of the Delaware General Corporation Law, the Corporation is hereby authorized to merge COR Therapeutics, Inc., a Delaware corporation which is a wholly owned subsidiary of the Corporation, into the Corporation;

RESOLVED: That the President and Secretary of the Corporation be, and each of them hereby is, authorized to execute a Certificate of Ownership and Merger with respect to the merger of COR Therapeutics, Inc. into the Corporation, cause the same to be filed with the Secretary of State of the State of Delaware and take all such other actions and to execute all such other instruments and agreements as the officer or officers so acting may deem appropriate to effect such merger;

RESOLVED: That the merger of COR Therapeutics, Inc. into the Corporation shall be effective upon the filing of a Certificate of Ownership and Merger with the Secretary of State of the State of Delaware.

BOSTON 1314035v1

IN WITNESS WHEREOF, the Corporation has caused this Certificate to be signed by its authorized officer this 12th day of February, 2002.

MILLENNIUM
PHARMACEUTICALS, INC.

By: /s/ Mark J. Levin
Title: President

Delaware

PAGE 1

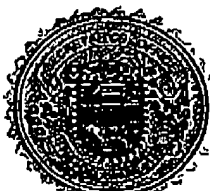
The First State

I, HARRIET SMITH WINDSOR, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF OWNERSHIP, WHICH MERGES:

"COR THERAPEUTICS, INC.", A DELAWARE CORPORATION,

WITH AND INTO "MILLENNIUM PHARMACEUTICALS, INC." UNDER THE NAME OF "MILLENNIUM PHARMACEUTICALS, INC.", A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF THE STATE OF DELAWARE, AS RECEIVED AND FILED IN THIS OFFICE THE TWELFTH DAY OF FEBRUARY, A.D. 2002, AT 6 O'CLOCK P.M.

A FILED COPY OF THIS CERTIFICATE HAS BEEN FORWARDED TO THE NEW CASTLE COUNTY RECORDER OF DEEDS.



Harriet Smith Windsor

Harriet Smith Windsor, Secretary of State

2322355 8100M

AUTHENTICATION: 1610075

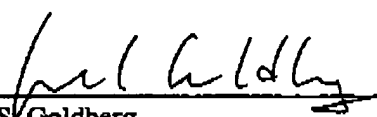
PAGE 9/21 * RCVD AT 7/21/2009 5:43:21 PM [Eastern Daylight Time] * SVR:USPTO-EFAX-5/27 * DNIS:2738300 * CSID:6175518820 * DURATION (mm-ss):03-14

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JUL 21 2009

Commonwealth of Massachusetts)
)ss.
County of Middlesex)

I, Joel S. Goldberg, hereby swear that the attached reproduction of the Certificate of Merger of PGM Corporation (a Delaware corporation) into COR Therapeutics, Inc. (a Delaware corporation) dated February 12, 2002, is a true, correct and complete photocopy of a document in my possession.


Joel S. Goldberg
Counsel
Millennium Pharmaceuticals, Inc.
75 Sidney Street
Cambridge, Massachusetts 02139

Subscribed and sworn to before me this 14th day of May, 2002 by Joel S. Goldberg.


Jean L. Ernst
Notary Public
My commission expires: August 15, 2008

(Seal)

CERTIFICATE OF MERGER**OF****PGM CORPORATION**
(a Delaware corporation)**INTO****COR THERAPEUTICS, INC.**
(a Delaware corporation)

COR Therapeutics, Inc., a corporation organized and existing under and by virtue of the General Corporation Law of the State of Delaware, does hereby certify:

FIRST: That the name and state of incorporation of each of the constituent corporations of the merger is as follows:

<u>Name</u>	<u>State of Incorporation</u>
PGM Corporation	Delaware
COR Therapeutics, Inc.	Delaware

SECOND: That an Agreement and Plan of Merger, dated December 5, 2001, by and among Millennium Pharmaceuticals, Inc., a Delaware corporation, PGM Corporation and COR Therapeutics, Inc. setting forth the terms and conditions of the merger of PGM Corporation with and into COR Therapeutics, Inc. has been approved, adopted, certified, executed and acknowledged by each of the constituent corporations in accordance with the requirements of Subsection (c) of Section 251 of the General Corporation Law of the State of Delaware.

THIRD: That the name of the surviving corporation of the merger is COR Therapeutics, Inc.

FOURTH: That the Restated Certificate of Incorporation of COR Therapeutics, Inc., a Delaware corporation which will survive the merger, shall be the Restated Certificate of Incorporation of the surviving corporation, and shall be amended so that Article FOURTH of such Restated Certificate of Incorporation reads in its entirety as follows:

"FOURTH: The total number of shares of all classes of stock which the Corporation shall have authority to issue is 1,000, all of which shall consist of common stock, \$.01 par value per share."

FIFTH: That the executed Agreement and Plan of Merger is on file at the principal place of business of the surviving corporation. The address of said principal place of business is COR Therapeutics, Inc., 256 E. Grand Avenue, South San Francisco, California, 94080.

FEB-07-02 10:07 FROM COR THERAPEUTICS INC

ID:6509529582

PAGE 3/3

SIXTH: That a copy of the Agreement and Plan of Merger will be furnished by the surviving corporation upon request and without cost to any stockholder of any constituent corporation.

SEVENTH: That this Certificate of Merger shall be effective as of 4:01 p.m. Eastern Standard Time on February 12, 2002.

IN WITNESS WHEREOF, COR Therapeutics, Inc. has caused this Certificate to be executed by its President and Chief Executive Officer and attested by its Secretary this 12th day of February, 2002.

COR THERAPEUTICS, INC.

(a Delaware corporation)

By: 
Vaughn M. Keilian
President and
Chief Executive Officer

Dated: February 12, 2002

ATTEST:


Patrick A. Broderick
Secretary

Delaware

PAGE 1

The First State

I, HARRIET SMITH WINDSOR, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF MERGER, WHICH MERGES:

"PGM CORPORATION", A DELAWARE CORPORATION,

WITH AND INTO "COR THERAPEUTICS, INC." UNDER THE NAME OF "COR THERAPEUTICS, INC.", A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF THE STATE OF DELAWARE, AS RECEIVED AND FILED IN THIS OFFICE THE TWELFTH DAY OF FEBRUARY, A.D. 2002, AT 1:30 O'CLOCK P.M.

AND I DO HEREBY FURTHER CERTIFY THAT THE EFFECTIVE DATE OF THE AFORESAID CERTIFICATE OF MERGER IS THE TWELFTH DAY OF FEBRUARY, A.D. 2002, AT 4:01 O'CLOCK P.M.

A FILED COPY OF THIS CERTIFICATE HAS BEEN FORWARDED TO THE KENT COUNTY RECORDER OF DEEDS.



Harriet Smith Windsor
Harriet Smith Windsor, Secretary of State



MP100-616PRM

APR 15 2002

APRIL 09, 2002

PTAS

Chief Information Officer
Washington, DC 20231
www.uspto.govCOR, THERAPEUTICS, INC.
CARMEN PILI EKSTROM
256 E. GRAND AVENUE
SOUTH SF, CA 95080

102016947A

UNITED STATES PATENT AND TRADEMARK OFFICE
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✓RECORDATION DATE: 01/25/2002

✓REEL/FRAME: 012566/0670
NUMBER OF PAGES: 5

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

✓ASSIGNOR:

LEVY, DANIEL

DOC DATE: 11/19/2001

✓ASSIGNOR:

MARLOWE, CHARLES

DOC DATE: 11/19/2001

✓ASSIGNOR:

KANE-MAGUIRE, KIM

DOC DATE: 11/26/2001

✓ASSIGNOR:

SCARBOROUGH, ROBERT

DOC DATE: 11/19/2001

ASSIGNEE:

COR THERAPEUTICS, INC.
256 E. GRAND AVENUE
SOUTH SAN FR, CALIFORNIA 94030✓SERIAL NUMBER: 09989348
PATENT NUMBER:✓FILING DATE: 11/20/2001
ISSUE DATE:

012556/0670 PAGE 2

PAULA MCCRAY, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

Form PTO-1595 (Rev. 03/01) RE OMB No. 0651-0027 (exp. 5/31/2002) Tab settings		02-12-2002 102016947		U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office	
To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.					
1. Name of conveying party(ies): Daniel LEVY Charles MARLOWE Kim KANE-MAGUIRE Robert SCARBOROUGH JAN 25 2002 Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			2. Name and address of receiving party(ies) Name: <u>COR Therapeutics, Inc.</u> Internal Address: _____ _____ Street Address: <u>256 E. Grand Avenue</u> _____ City: <u>South San Fr</u> State: <u>CA</u> Zip: <u>94090</u> Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____			Execution Date: <u>11/19/01</u> 4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: _____ A. Patent Application No.(s) <u>09/989,348</u> B. Patent No.(s) _____ Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
5. Name and address of party to whom correspondence concerning document should be mailed: Name: <u>COR Therapeutics, Inc.</u> Internal Address: _____ _____ Street Address: <u>256 E. Grand Avenue</u> _____ City: <u>South SF</u> State: <u>CA</u> Zip: <u>95080</u>			6. Total number of applications and patents involved: <input type="checkbox"/> 7. Total fee (37 CFR 3.41).....\$ <u>40</u> <input checked="" type="checkbox"/> Enclosed <input type="checkbox"/> Authorized to be charged to deposit account 8. Deposit account number: _____ (Attach duplicate copy of this page if paying by deposit account)		
DO NOT USE THIS SPACE					
9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. <div style="display: flex; justify-content: space-between; align-items: flex-end;"> <div style="width: 30%;"> <u>Carmen PILI EKSTROM</u> Name of Person Signing </div> <div style="width: 30%; text-align: center;"> Signature </div> <div style="width: 30%; text-align: right;"> <u>12/4/01</u> Date </div> </div> <div style="text-align: right; margin-top: 5px;"> Total number of pages including cover sheet, attachments, and documents: <u>5</u> </div>					

02/11/2002 LHD/ELLER 00000026 09989348

01 FC:581

40.00 DP

 Mail documents to be recorded with required cover sheet information to:
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 Washington, D.C. 20231

~~Express Mail Label No.:~~

Date of Deposit: 12/4/01

Attorney Docket No. COR 130US

ASSIGNMENT

We, **Daniel Levy, Charles Marlowe, Kim Kane-Maguire, Robert M. Scarborough** the undersigned, for good and valuable consideration, the receipt of which is hereby acknowledged, hereby assign, sell and transfer to **COR Therapeutics, a Delaware corporation, with offices at 256 East Grand Avenue, South San Francisco, CA 94080** and its successors, assigns and legal representatives, all hereinafter referred to as the ASSIGNEE: (1) my entire right, title and interest for the United States and in all countries, in and to any and all inventions, discoveries and applications which are disclosed in the application for United States Letters Patent entitled:

ADENINE BASED INHIBITORS OF ADENYLYL CYCLASE, PHARMACEUTICAL COMPOSITIONS AND METHOD OF USE THEREOF

filed with the U.S. Patent and Trademark Office on **November 20, 2001** and assigned Serial No. 09/989344, including any renewals, revivals, reissues, reexaminations, extensions, continuations and divisions thereof and any substitute applications therefor; (2) the full and complete right to file patent applications in the name of the ASSIGNEE, its designee, or in my name as the ASSIGNEE, or its designee's election, on the aforesaid inventions, discoveries and applications in all countries of the world; (3) the entire right, title and interest in and to any Letters Patent which may issue thereon in the United States or in any country, and any renewals, revivals, reissues, reexaminations and extensions thereof, and any patents of confirmation, registration and importation of the same; and (4) the entire right, title and interest in all Convention and Treaty Rights of all kinds thereon, including without limitation all rights of priority in any country of the world, in and to the above inventions, discoveries and applications.

We hereby authorize and request the competent authorities to grant and to issue any and all such Letters Patent in the United States and throughout the world to the ASSIGNEE of the entire right, title and interest therein, as fully and entirely as the same would have been held and enjoyed by me had this assignment, sale and transfer not been made.

We agree, at any time, upon the request of the ASSIGNEE, to execute and to deliver to the ASSIGNEE any additional applications for patents for said inventions and discoveries, or any part or parts thereof, and any applications for patents of confirmation, registration and importation based on any Letters Patent issuing on said inventions, discoveries, or applications and divisions, continuations, renewals, revivals, reissues, reexaminations and extensions thereof.

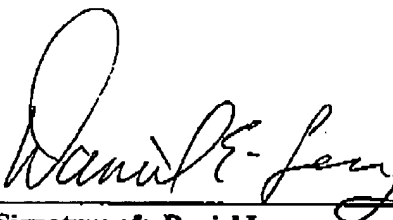
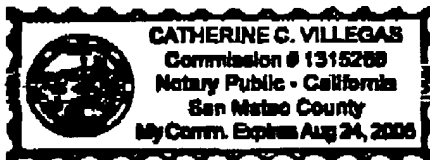


We further agree at any time to execute and to deliver upon request of the ASSIGNEE such additional documents, if any, as are necessary or desirable to secure patent protection on said inventions, discoveries and applications throughout all countries of the world, and otherwise to do the necessary to give full effect to and to perfect the rights of the ASSIGNEE under this Assignment, including the execution, delivery and procurement of any and all further documents evidencing this assignment, transfer and sale as may be necessary or desirable.

We hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

Serial No. 09/989,3

Filed: November 20, 2001

We further covenant that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

Date: 11/19/01
Signature of: Daniel LevyState of CaliforniaCounty of San MateoSubscribed and sworn to before me this 19th day of November, 2001.
Notary PublicMy commission expires August 24, 2005.Date: 11/19/01
Signature of: Charles MarloweState of CaliforniaCounty of San MateoSubscribed and sworn to before me this 19th day of November, 2001.
Notary PublicMy commission expires August 24, 2005.

Serial No. 091289,3-3
Filed: November 20, 2001

Date:

Signature of: Kim Kane-Maguire

State of _____

County of _____

Subscribed and sworn to before me this ____ day of _____

Notary Public

My commission expires _____

Date: 11-19-01

Signature of: Robert M. Scarborough

State of CaliforniaCounty of San MateoSubscribed and sworn to before me this 19th day of November, 2001.Signature of: Catherine C. Villegas

Notary PublicMy commission expires August 24, 2005.

Serial No. _____
Filed: November 20, 2001

Date: 11-26-01

Kim Kane Maguire
Signature of: Kim Kane Maguire

State of South Carolina
County of Greenville

Subscribed and sworn to before me this 26th day of November, 2001

[Signature]
Notary Public

My commission expires 2-25-03

Date: 11-19-01

Robert M. Scarborough
Signature of: Robert M. Scarborough

State of _____

County of _____

Subscribed and sworn to before me this _____ day of _____

Notary Public

My commission expires _____

PTO/SB92 (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U. S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

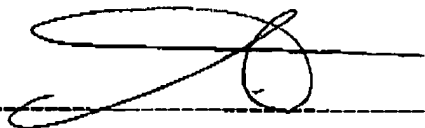
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Certificate of Mailing under 37 CFR 1.8

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to:

**Assistant Commissioner for Patents
Washington, D.C. 20231**

on 12/4/01
Date


Signature

Florence Ahlouché
Typed or printed name of person of signing Certificate

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